

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for ~~determining whether a subject has or is predisposed for a mental disorder~~ diagnosing a mental disorder in a subject, the method comprising the steps of:

(i) isolating a subject's brain tissue, wherein said tissue is selected from the subject's dorsal lateral prefrontal cortex;

(ii) contacting the subject's brain tissue with a reagent that selectively associates with a messenger RNA ~~polynucleotide~~ encoded by a ~~nucleic acid~~ gene with at least 95% identity to a gene selected from the group consisting of SEQ ID NO:1 or 3;

(iii) detecting the level of reagent that selectively associates with the messenger RNA sample; and

(iv) comparing the detected level of reagent with a control, whereby if the detected level is significantly greater than the control, an increased likelihood that the subject has ~~or is predisposed for a mental disorder~~ is determined; and whereby, if the detected level is not significantly greater than the control, an increase in said likelihood is not determined by the method.

2. (Canceled)

3. (Original) The method of claim 1, wherein the reagent is a nucleic acid.

4 - 7. (Canceled)

8. (Original) The method of claim 1, wherein the mental disorder is a mood disorder or psychosis.

9. (Previously presented) The method of claim 8, wherein the mood disorder is selected from the group consisting of bipolar disorder and major depression.

10. (Withdrawn) The method of claim 8, wherein the psychosis is schizophrenia.

11. (Currently amended) The method of claim 1, wherein ~~the polynucleotide comprises a nucleotide sequence of SEQ ID NO:1 or 3~~ said gene is a gene with at least 95% identity to SEQ ID NO: 3.

12 - 50. (Canceled)

51. (Previously presented) The method of claim 1, wherein the subject is deceased.

52. (New) The method of claim 8, wherein the mood disorder is bipolar disorder.